FIGURE 2A

Field	Ref
Device ID	44
Function Code	40
Data	46

42

FIGURE 2B

Field	Ref
Slave ID	72
Function Code "43"	50
Reference Type	52
Extend Bit	54
Node ID	54
Index High	56
Index Low	58
Sub-Index	60
Starting High Address	62
Starting Low Address	64
Number High Bytes	66
Number Low Bytes	68
Read/Write Data	70
Error Check	74

40

FIGURE 2C

Field	Ref
Slave ID	172
Function Code "41"	
Reserved Byte	
Function Code	
Reference Type	150
Extend Bit	152
Node ID	154
Index High	156
Index Low	158
Sub-Index	160
Starting High Address	162
Starting Low Address	164
Number High Bytes	166
Number Low Bytes	168
Read/Write Data	170
Next Function Code	
Next Function Code	
Error Check	174

140

FIGURE 2D

Field	Ref
Slave ID	272
Next Function Code	
Next Function Code	
Error Check	274

240

Receive Bytes of Incoming Message ← Step 302

Verify Support of Function Code ← Step 304

Error Check ← Step 306

Execute Function Code

Dispatch Modbus Message ← Step 308

Execute Embedded CANOpen Message ← Step 310

End ← Step 312
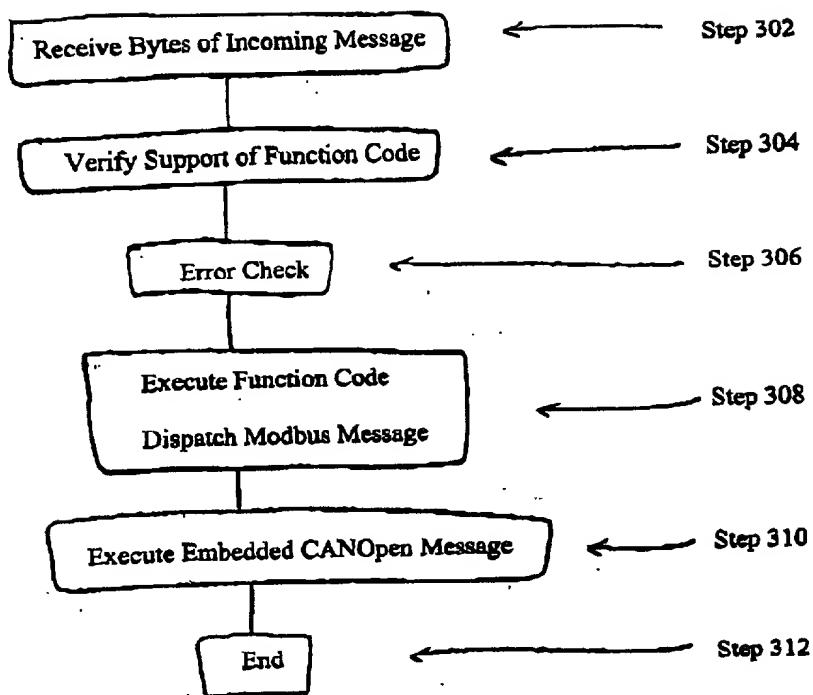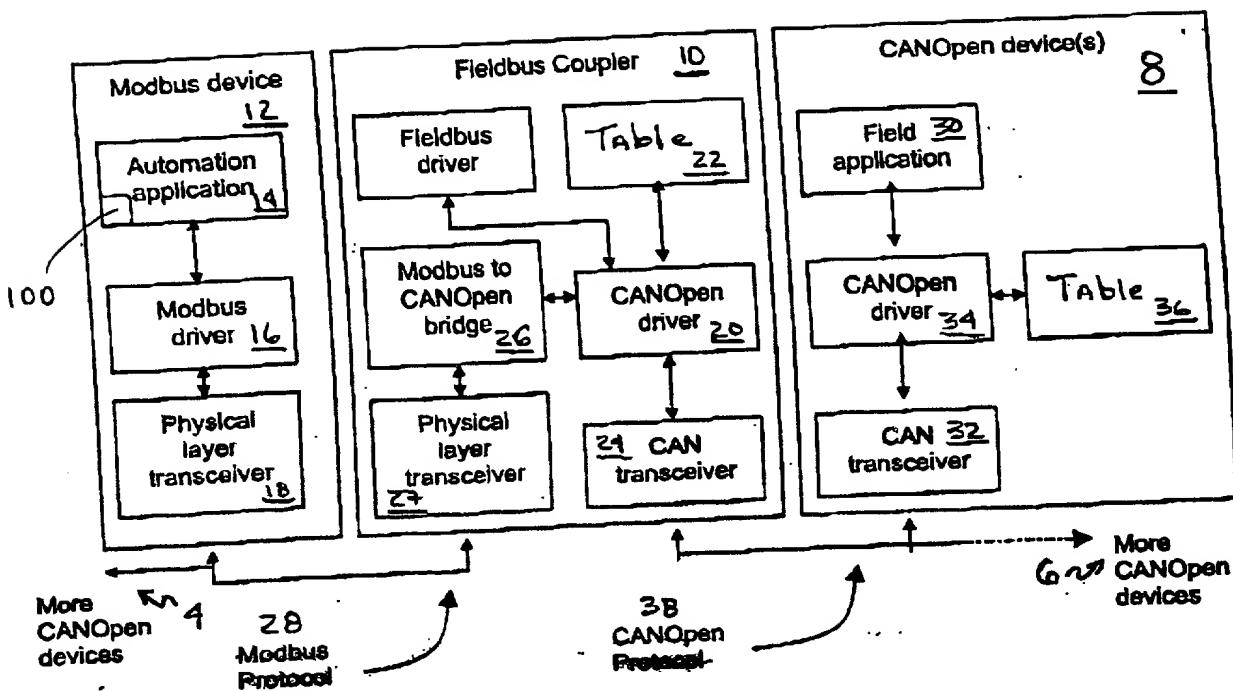
FIGURE 3

FIGURE 1

Modbus function code	Sub-function or sub-index	Command
3		Read 4x registers
4		Read 3x registers
16		Write 4x registers
22		Mask write
23		Combination 4x read/write
43		Read Object Dictionary entries
43		Write Object Dictionary entries
43	1	COMS-Reset_req
43	2	Start_BootUpAuto_req
43	3	Command not used
43	4	Run_Network_req
43	5	Stop_Network_req
43	6	Store_Config_req
43	7	Store_Config_Sim_req
43	8	Restore_Config_req
43	9	request mastery over PI output data for AI-config-tool
43	10	release mastery over PI output data for AI-config-tool
43	11	request mastery over application parameter area for AI-config-tool
43	12	release mastery over application parameter area for AI-config-tool
43	13	save password for access via config port
43	14	set FBC into protected mode
43	15	set FBC into edit mode (= leave protected mode)
125		Flash programming commands
125	1	Read hardware identification
125	2	Not supported
125	3	Not supported
125	4	Confirm mode
125	5	Enter kernel mode
125	6	Exit kernel mode
125	7	Fill flash memory
125	8	Program flash memory
125	9	Read flash memory
126		Programming commands
126	1	Stop
126	2	Start

FIGURE 4